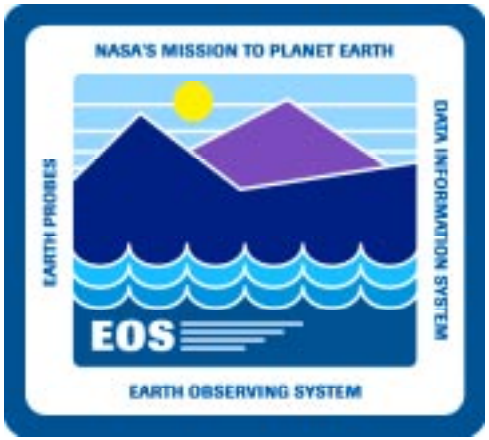

ECS May Demo Overview

Joe Senftle

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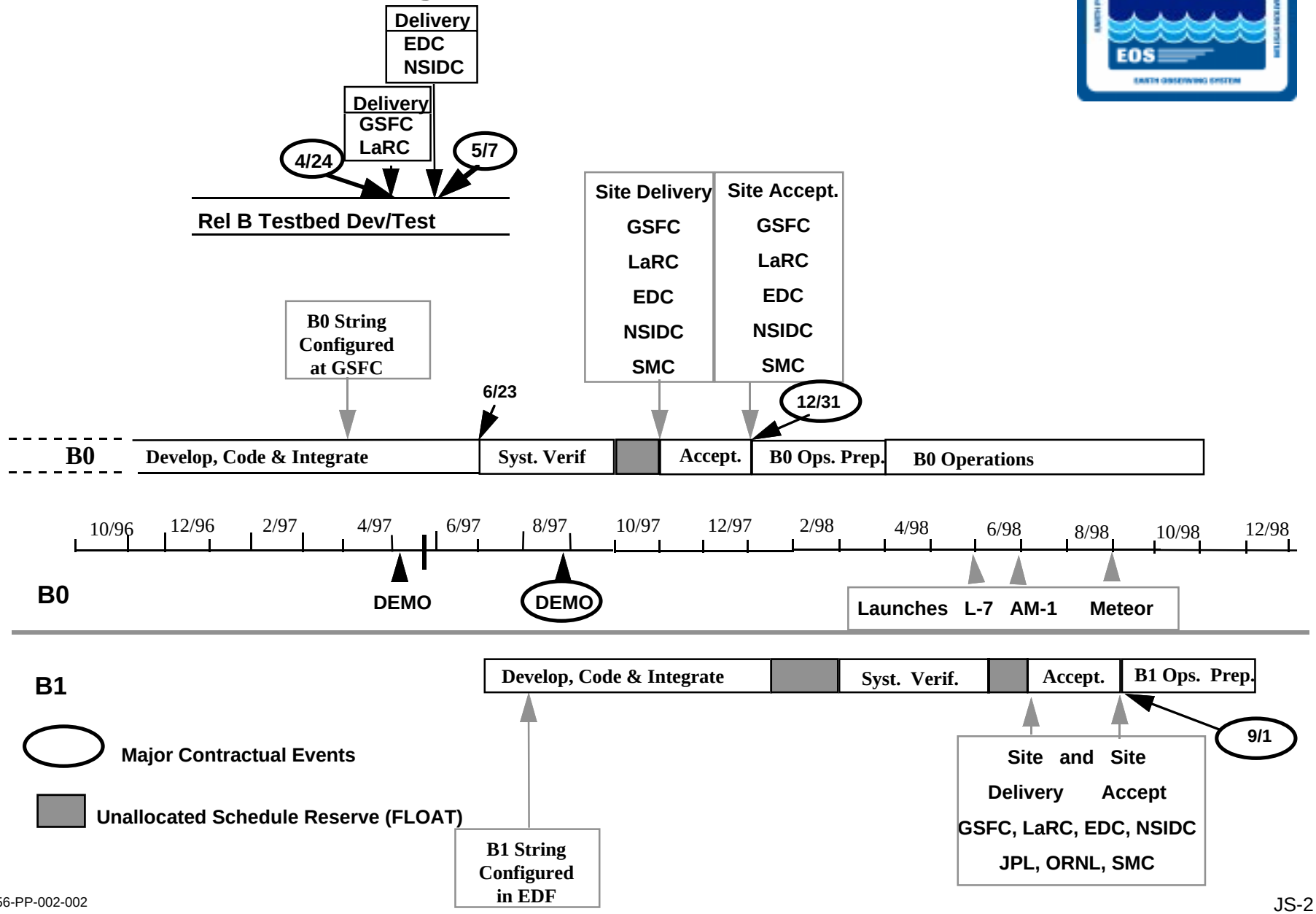
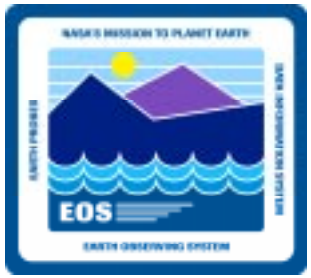
22 May 1997

Release B Key Milestones



Historical



Investigators Working Group Meeting (Feb. 25-27, 1997)

"Concern about development progress"

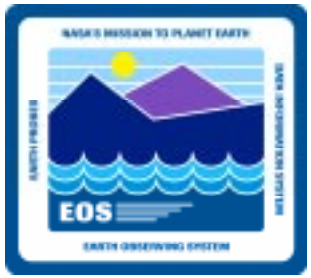
Contingency Planning (March 5, 1997)

"Need to demonstrate mission critical functionality ASAP"

SWAMP (April 2-4, 1997)

"May test of functionality"

What It Is



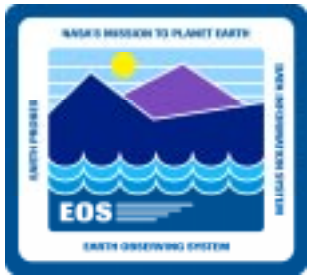
Snapshot of Mission Critical functionality development

- Ingest, Archive, Production, Distribution

Integrates two instrument PGEs

- ASTER Brightness Temperature PGE processes ASTER L1BT input data to produce L2 brightness temperature
- MOPITT CalRads PGE processes L0 input data to produce L1 radiance

DSWG Functions in Demo



Ingest all instrument Level 0 or equivalent source data (ASTER Levels 1A and 1B, Landsat 7 Level 0R, and ancillary data)

- Demo ingests MOPITT Level 0 and ASTER Level 1

Catalog data such that they can be located

- MOPITT and ASTER source data and products are cataloged, searched and retrieved

Run PGEs to support pre- and post-launch testing

- MOPITT Level 1 and ASTER Level 2 PGEs executed in Demo

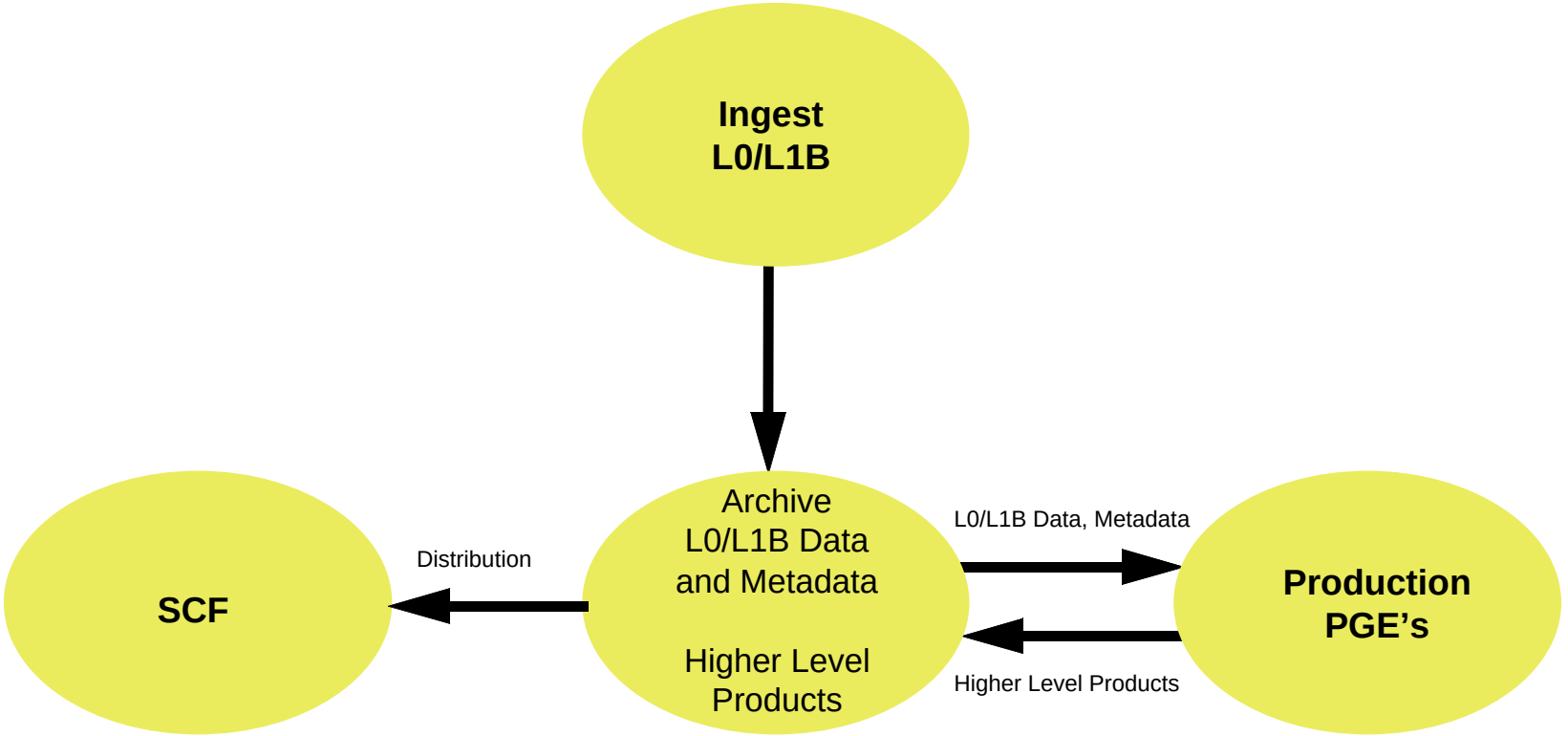
Support data retrieval by Instrument Team (IT) users

- MOPITT/ASTER product data are pushed to simulated SCF, based on subscriptions

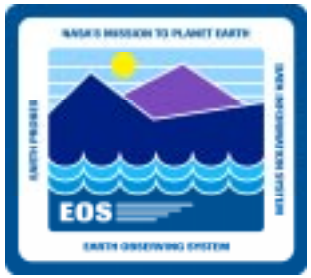
Provide production planning and processing

- All PGE executions in Demo are implemented through Planning (PLS) and Data Processing (DPS), with executions triggered by data arrivals

SCENARIO


Ingest
L0/L1B
Archive
L0/L1B Data
and Metadata
Higher Level
Products
SCF
Distribution
L0/L1B Data, Metadata
Higher Level Products
Production
PGE's

Acknowledgments



Special thanks to ASTER, MOPITT, and MISR instrument teams for their support with PGEs and data.